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3-3/4 Digit 4000 Count True RMS Bench Top DMM with RS-232

Jameco Part Number 230586

- True RMS AC volts and amps measurements
- Capacitance and Frequency measurements
- Back-lit display and Auto/Manual ranging
- MIN/MAX and Relative mode
- Delay hold mode
- AC Line or Battery Operated RS-232 Interface with software

B940

SPECIFICATIONS

DC Voltage
Range: 400mV, 4V, 40V, 400V and 1000V
Best Resolution: 0.1mV
Accuracy: ±(0.3% + 2D)
Input Impedance: 10MΩ
Overload Volts: 1000V DC or 750V AC RMS

AC Voltage
Range: 4V, 40V, 400V and 750V
Best Resolution: 1.0mV
Accuracy:
± (0.8% + 5D) 45Hz to 450Hz
± (1.2% + 5D) 45Hz to1KHz
Input Impedance :10MΩ
Overload Volts: 1000VDC or 750V AC RMS

DC Current
Ranges: 4mA, 40mA, 400mA and 10A
Best Resolution: 1µA
Accuracy: ± (0.8% + 5D)
Overload protection: 0.5A /250V and 15A/250V fuse

AC Current
Ranges: 4mA, 40mA, 400mA and 10A
Best Resolution: 1µA
Accuracy:
±(1.5% + 5D) 45hz to 400Hz: 4mA to 400mA ranges
±(2.0% + 5D) 45hz to 400Hz: 10A range
Overload protection 0.5A /250V and 15A/250V fuse

Resistance
Range: 400Ω , 4K Ω , 40KΩ, 400KΩ, 4MΩ, 40MΩ
Best Resolution: 0.1Ω
Accuracy:±(0.5% + 5D) 400Ω to 400KΩ ranges
±(1% + 5D) 4MΩ range
±(1.5% + 5D) 40MΩ range

Frequency
Range: 100Hz, 1KHz, 10KHz and 600KHz
Best Resolution: 0.01Hz
Accuracy: ± (0.1% + 2D)
Sensitivity:
100mV RMS, 1Hz to 20KHz
500mV RMS, 20KHz to 600KHz
Overload: 250V

Capacitance
Range: 4nF, 40nF, 400nF, 4µF, 40µF
Best Resolution: 0.1pF
Accuracy: ±(2% + 4D) 4nF range (Relative Mode)
Overload: 250V

Converter
Display: 10 counts per 1mV DC
Accuracy: ± (0.3% + 5D)
Overload: 250V

Diode test
Test Volt: 3 V
Test Current: 0.6mA
Overload: 250V

Continuity
Buzzer: will sound at < 40Ω Resistance
Overload: 250V

General Specifications
Size: 3.3" H x 9" W x 9.4" D
Weight: 3.3 lbs
Power: 9V NEDA battery or 90 to 132VAC / 198 to 264VAC @ 50/60Hz (Adapter Supplied)
Accessories: Manual, Test leads, 9v Battery, RS-232 cable, Software